

# Nitrous to Fuel Flow Chart



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<b>Customer Name</b>	Nitrous Outlet
<b>System Type</b>	Mother Pucker
<b>Bottle Configuration</b>	Single 15 lb
<b>N2O Pressure</b>	950 psi
<b>Solenoids</b>	.178 Nitrous / .310 Fuel Solenoids
<b>Nozzles/ Dist.</b>	Mother Pucker, 4an swivel, 1/4" hardline
<b>Feed Line Size/Length</b>	5' 6an
<b>Flow Jet in Flow tool</b>	0.073

Stage	N2O Jet	PSI Drop	lbs 5 Sec.	N2O lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N2O:Fuel Ratio	Notes
	0.050	21	0.5	360	100	0.038	39	5	9.21:1	
	0.050	21	0.5	360	100	0.038	42.9	6	8.39:1	Start at 6.5 PSI = 44.4 PPH (8.11:1)
	0.050	21	0.5	360	100	0.038	46	7	7.83:1	
	0.050	21	0.5	360	100	0.038	49.4	8	7.29:1	
	0.050	21	0.5	360	100	0.038	52.1	9	6.91:1	
	0.050	21	0.5	360	100	0.038	55.2	10	6.52:1	
	0.064	37	0.79	568.8	158	0.048	63.6	5	8.94:1	
	0.064	37	0.79	568.8	158	0.048	69.9	6	8.14:1	Start at 6.5 PSI = 72.7 PPH (7.82:1)
	0.064	37	0.79	568.8	158	0.048	75.3	7	7.55:1	
	0.064	37	0.79	568.8	158	0.048	81.1	8	7.01:1	
	0.064	37	0.79	568.8	158	0.048	86.1	9	6.61:1	
	0.064	37	0.79	568.8	158	0.048	90.7	10	6.27:1	
	0.076	41	1	720	200	0.052	75.4	5	9.55:1	
	0.076	41	1	720	200	0.052	82.9	6	8.69:1	
	0.076	41	1	720	200	0.052	90	7	8:1	Start Here
	0.076	41	1	720	200	0.052	96.3	8	7.48:1	
	0.076	41	1	720	200	0.052	102.3	9	7.04:1	

	0.076	41	1	720	200	0.052	108.6	10	6.63:1	
	0.084	38	1.22	878.4	244	0.058	90.6	5	9.7:1	
	0.084	38	1.22	878.4	244	0.058	100.1	6	8.78:1	
	0.084	38	1.22	878.4	244	0.058	108.2	7	8.12:1	Start Here
	0.084	38	1.22	878.4	244	0.058	116.2	8	7.56:1	
	0.084	38	1.22	878.4	244	0.058	123.4	9	7.12:1	
	0.084	38	1.22	878.4	244	0.058	130.1	10	6.75:1	
	0.092	54	1.51	1087.2	302	0.066	113.1	5	9.61:1	
	0.092	54	1.51	1087.2	302	0.066	124.9	6	8.7:1	
	0.092	54	1.51	1087.2	302	0.066	134.8	7	8.07:1	Start Here
	0.092	54	1.51	1087.2	302	0.066	145.8	8	7.46:1	
	0.092	54	1.51	1087.2	302	0.066	155.2	9	7.01:1	
	0.092	54	1.51	1087.2	302	0.066	163.8	10	6.64:1	
	0.100	63	1.79	1288.8	358	0.072	128.7	5	10.01:1	
	0.100	63	1.79	1288.8	358	0.072	143.4	6	8.99:1	
	0.100	63	1.79	1288.8	358	0.072	155.9	7	8.27:1	Start at 7.5 PSI = 160.8 PPH (8.01:1)
	0.100	63	1.79	1288.8	358	0.072	167.1	8	7.71:1	
	0.100	63	1.79	1288.8	358	0.072	177	9	7.28:1	
	0.100	63	1.79	1288.8	358	0.072	187.1	10	6.89:1	
	0.106	71	2.01	1447.2	402	0.080	161.9	5	8.94:1	
	0.106	71	2.01	1447.2	402	0.080	176.7	6	8.19:1	Start at 6.5 PSI = 185.8 PPH (7.79:1)
	0.106	71	2.01	1447.2	402	0.080	192.2	7	7.53:1	
	0.106	71	2.01	1447.2	402	0.080	206.2	8	7.02:1	
	0.106	71	2.01	1447.2	402	0.080	216.6	9	6.68:1	
	0.106	71	2.01	1447.2	402	0.080	230.9	10	6.27:1	
	0.118	74	2.25	1620	450	0.086	171.8	5	9.43:1	

